

Acknowledgements

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INTERESTING BUTTERFLY RECORDS FROM SOUTHERN QUEENSLAND AND CENTRAL NEW SOUTH WALES

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Abstract

A new locality and a previously unrecorded food plant are recorded for *Pseudalmenus chlorinda* (Blanchard); interesting collections of *Toxidia thyrrhus* Mabille and *Argynnis hyperbius inconstans* Butler are reported.

On 26th December, 1974, several fresh specimens of *Pseudalmenus chlorinda chloris* Waterhouse and Lyell were captured, and others observed, on a ridge in sclerophyll forest about 5 km west of Figtree, near Wollongong, N.S.W. This represents the second coastal record for this species in N.S.W., the species having recently been taken near Ulladulla (Daniels, 1976). An inspection of *Acacia botrycephala* (Vent) Desf. bushes about 2 metres high, around which the adults were flying, revealed a number of first instar larvae and one almost mature larva. *A. botrycephala* has not previously been recorded as a food plant for *Pseudalmenus chlorinda*.

No adults were flying when the area was revisited two weeks later, but were again observed on 28th September 1975 when one pupa was found under bark of a dead log at the base of one of the *A. botrycephala*. The pupa was taken to Canberra and emerged three weeks later.

This breeding colony appears to be a small one, and on both visits to the area, adults were relatively uncommon. It is likely that a more extensive search of this area will reveal additional colonies, as *A. botrycephala* is fairly abundant.

Ten specimens of *Toxidia thyrrhus* Mabilie (including two females) were taken and others observed on 10th January 1976, in a small patch of fringing rain forest along a creek approximately 50 km north of Bundaberg, south-eastern Queensland. *T. thyrrhus* has only recently been recorded south of Yeppoon, from 20 km north of Manumbar (De Baar, 1976). *Toxidia riemannii* (Semper) was also fairly common in this patch of rain forest.

Adults of *Argynnis hyperbius inconstans* Butler were found to be relatively common on 12th January, 1976 near a small swamp about 10 km south of Gympie, south-eastern Queensland. Six fresh specimens (5♂, 1♀) were taken, males being much more numerous than females. Adults had a slow fluttering flight until disturbed and seemed to be attracted to flowers of a *Polygonum* sp. growing in the swamp. No *Viola* sp., the food plant of *A. inconstans* recorded by Common and Waterhouse (1972), was observed in the vicinity.

Both the appearance of adults in flight, and their mode of flight, bear some resemblance to that of *Danaus chrysippus petilia* (Stoll) which is common in the same area.

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